

April 20, 2010

ADDENDUM #1 TO  
MONTANA DEPARTMENT OF TRANSPORTATION  
REQUEST FOR PROPOSAL  
#HWY-309549-KS

Listed below are the written questions received in regards to Request for Proposal #HWY-309549-KS. All questions are “verbatim” as presented to the Department.

1. Section 3.1.2 Supporting Standards, Page 13. ASTM E1960-03 “Standard Practice for Calculating International Friction Index of a Pavement Surface”. Does this Standard need to be included in this RFP?

**Response: All of the systems required in the RFP must meet the appropriate standard listed in 3.1.1 and 3.1.2. Hard copies of each standard do not need to be included in the response.**

2. Section 3.4.5 Transport Page 15. In the event the data collection vehicle must be returned to the offeror for repair, corrective action, or other purposes, all cost and liabilities shall be the responsibility of the offeror. Can you please provide a detailed definition? Is this before acceptance, the first year, during warranty, etc.?

**Response: Section 3.4.5 shall apply to the warranty period.**

3. Section 3.6.1.2 Page 16. Diesel engine. Diesel engine is not available in a Ford. Is a gas engine acceptable?

**Response: The specification for Section 3.6.1.2 stands as written.**

4. Section 3.6.1.15 Page 16. Seating – two captains chairs with power adjustment... Power passenger seat is not available in the Ford. Is a power driver’s seat and manual passenger’s seat acceptable?

**Response: The specification for Section 3.6.1.15 stands as written.**

5. Section 3.6.1.18 Page 16. Tire – spare, mounted inside the van. Spare tire mounted inside is not available in the Ford. Is the spare tire mounted underneath the van acceptable?

**Response: We will allow some leeway on 3.6.1.18, spare tire location. Either inside the vehicle or underneath the vehicle is acceptable. Spare tire location shall not interfere with any on-board systems.**

6. Section 3.6.2.13 Page 18. To include LED modules with amber and clear lenses and five year warranty. Is this warranty to cover normal functions only or to also include burnt out lights and accidental breaking?

**Response: Nothing beyond the manufacturer warranty is expected.**

7. Section 3.6.4.1 Page 18. All cameras shall be identical with power focus, power zoom and auto iris. Is the requirement for power focus, power zoom and auto iris more important than accurate measurements from the images?

**Response: The power focus is to ensure a sharp focused image and the auto iris is for when the vehicle goes into canopy areas or the sun goes behind a cloud. If the image quality is poor, then extracting accurate measurements from the images will be mute.**

8. Section 3.6.10.3 Page 22. The system shall carry an onboard database of Montana roadway network including the Roadlog, the beginning MPs, ending MPs, and other MPs of every continuous segment. The system shall validate uploaded MPs. Will this file be provided by Montana DOT? What are we validating?

**Response: Yes MDT will provide this file that will display these features. The system will validate that the features are loaded by displaying them spatially relative to the current GPS location of the vehicle.**

9. Section 3.6.10.15 Page 23. Ability to update DMI location "on the fly" while collecting data. Can you please clarify "on the fly"?

**Response: What we are asking here is, we would like to be able to mark a mile post via the DMI. While the vehicle is traveling down the road a button could be pushed and the MP would be marked and the distance between the marked MP and the next would be reset.**

10. Section 3.6.12.1 Page 24. Each computer shall include one installed and one duplicate, removable hard drive for storing, transporting, and transferring image files and data to a desktop workstation. In addition, three duplicate, spare, removable hard drives shall be supplied. All removable hard drives shall be identical. Do you mean a clone of the hard drives, or RAID (mirrored) configuration?

**Response: Yes we are looking for a RAID configuration. This would enable us to keep the original copy of the data in the van until the removable disk can be backed up to our network.**

11. 3.6.13 Page 26. The vendor shall allow concurrent licensing for MDT users. How many users do you anticipate?

**Response: Depending on output file structure the General Purpose Viewing Software may not be necessary. If the General Purpose Viewing Software is necessary we anticipate 4 users.**

12. 3.6.13.4 Page 26. Facility to perform on-screen measurements on the digital images; e.g., guardrail length and sign dimensions and locations. What accuracy do you require for the measurements?

**Response: This would be an add on piece of software that would allow data extraction from the images during the quality control process done as back in the shop. 1-3 Meter accuracy would be fine.**

13. Please confirm that on page 3, Instructions to Offerors, the item "Point-by-Point response to all sections and subsections (per Section 1.6.1)" should actually read ....(per Section 1.5.1)?

**Response: This is a typo it should actually read 1.5.1.**

14. As per item 1.5.1 Organization of Proposal, on page 7 of the RFP, does the Point-by-Point requirement include all items, such as Section 1: Project Overview and Instructions or Section 2: RFP Standard Information, or does it just apply to sections directly related to the offerors response, such as Section 3: Scope of Project?

**Response: For sections 1 and 2 “company understands and complies” is an appropriate response. Sections 3, 4 and 5 require the point by point response.**

15. Distress or pavement imaging is mentioned in Section 3 in the following items:
- Page 14, Item 3.3.2 Training: Training shall include operation, maintenance, trouble shooting, calibration, and repair of the data collection vehicle subsystems and workstation, all data processing systems, *distress analysis software*, and general purpose software.
  - Page 25, Item 3.6.12.5.1: Real time display of digital roadway and *pavement images*.
  - Page 26, Item 3.6.13.9: Display *distress* and sensor data including longitudinal profile, faulting, rutting, and texture.
- However no pavement imaging system is required for the data collection vehicle. Are these provisions included for the possibility of adding a pavement imaging system in the future?

**Response: On page 14, section 3.3.2 :strike *distress analysis software*.  
On page 25, section 3.6.12.5.1: strike *pavement images*  
On page 26, section 3.6.13.9: strike *distress***

16. In section 3, page 23, item 3.6.10.15 states "Ability to update DMI location 'on-the-fly' while collecting data." Could the Department please elaborate as to what is meant by update on-the-fly? Is this referring to the ability to tag feature points with the DMI information during collection? Or does it refer to having the DMI information displayed in real-time in the vehicle?

**Response: This refers to tagging features with DMI information during data collection.**

I, \_\_\_\_\_ have received the following addendum:  
(Company Name)

Addendum #1 \_\_\_\_\_  
(Signature)

A copy of this signed addendum **MUST** be included with your bid response. Failure to include a copy of this addendum with your response will result in disqualification of your response.

MDT attempts to provide accommodations for any known disability that may interfere with a person participating in any service, program or activity of the Department. Alternative accessible formats of this information will be provided upon request. For further information call Kim Stewart at (406) 444-9282 Voice or 1-800-335-7592 TTY or TTY (406) 444-7696.